

**AMENDMENTS****IN THE SPECIFICATION:**

**Please replace paragraph [0003] with the following:**

**[0003] Hardware is positioned within the imaging system adjacent to a transducer port for calibration. The coupling node for calibration is used to inject signals of well-defined properties for receiver calibration and precisely monitor signals for transmit calibration. Figure 1 shows one embodiment of a calibration system 10 for ultrasound imaging. A plurality of transmitters 12 and receivers 14 connect with respective transmit and receive lines 16. For use in imaging, pairs of diodes 20 connect to respective transmit and receive lines 16. One diode 20 of each pair connects with a positive high voltage source, and the other diode 20 of each pair connects with a negative high voltage source. The positive and negative voltage sources act to limit a possible voltage output on each transmit and receive line to avoid injury.**